

Chinorat Kobdaj

List of Publications by Year in descending order

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Version: 2024-02-01

288
papers

11,622
citations

23567

58
h-index

40979

93
g-index

291
all docs

291
docs citations

291
times ranked

6660
citing authors

#	ARTICLE	IF	CITATIONS
1	Prompt D_0 , D^+ , and D^{*+} production in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
3	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	6
4	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
5	The potential of Λ and Ξ studies with PANDA at FAIR. European Physical Journal A, 2021, 57, 1.	2.5	5
6	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe–Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
7	Investigating particle track topology for range telescopes in particle radiography using convolutional neural networks. Acta Oncologica, 2021, 60, 1413-1418.	1.8	6
8	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
9	Silicon microchannel frames for high-energy physics experiments. Journal of Instrumentation, 2021, 16, P08050.	1.2	0
10	Helium radiography with a digital tracking calorimeter—a Monte Carlo study for secondary track rejection. Physics in Medicine and Biology, 2021, 66, 035004.	3.0	8
11	K_S^0 and (anti-) Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
12	Charged-particle multiplicity fluctuations in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
13	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
14	Multiplicity dependence of light (anti-)nuclei production in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
15	Topological background discrimination in the PandaX-III neutrinoless double beta decay experiment. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 045108.	3.6	13
16	$\bar{\Lambda}$ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
17	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
18	Multiplicity dependence of $K^*(892)^0$ and $\bar{K}^*(1020)$ production in pp collisions at $\sqrt{s_{\mathrm{NN}}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.1	22

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19	A High-Granularity Digital Tracking Calorimeter Optimized for Proton CT. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	21
20	Multiplicity dependence of π^0 , K , and p production in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	38
21	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	11
22	Measurement of nuclear effects on $\bar{\psi}(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	6
23	V_2 elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	14
24	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	24
25	Measurement of the (anti-) ^3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2020, 124, 092301.	4.1	7
26	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2020, 124, 092301.	4.1	18
27	Production of Λ baryons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2020, 124, 092301.	4.1	6
28	Production of Λ baryons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. <i>Physical Review Letters</i> , 2020, 124, 092301.	4.1	11
29	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. <i>Physical Review Letters</i> , 2020, 124, 092301.	7.8	37
30	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	10
31	Coherent photoproduction of $\bar{\psi}$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11
32	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	4
33	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135227.	4.1	20
34	Studies of V_2 production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	13
35	Measurements of inclusive jet spectra in pp and central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2020, 124, 092301.	2.9	29
36	Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2020, 124, 092301.	2.9	55

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37	Investigation of rescattering effect in Pb-Pb collisions at the LHC through production of K^0_S mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
38	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
39	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	49
40	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
41	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
42	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
43	Physical properties of high resistivity Si, Si/SiO ₂ wafers and CMOS diode under 10 ¹⁴ MeV electron irradiation. AIP Conference Proceedings, 2020, , .	0.4	0
44	Production of ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
45	Validation of a pseudo-3D phantom for radiobiological treatment plan verifications. Physics in Medicine and Biology, 2020, 65, 225039.	3.0	1
46	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 204-219.	4.1	7
47	Resistivity profile of epitaxial layer for the new ALICE ITS sensor. Journal of Instrumentation, 2019, 14, P05006-P05006.	1.2	7
48	Production of the ω meson in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 204-219.	4.1	7
49	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
50	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
51	Stave module design and development of the new ALICE Inner Tracking System. Journal of Instrumentation, 2019, 14, P05003-P05003.	1.2	2
52	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
53	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49

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55	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
56	Measurement of $\langle \mathcal{N} \rangle$ and $\langle \mathcal{N}^2 \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2019, 122, 122301.	7.8	38
57	Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2019, 122, 122301.	7.8	64
58	One-dimensional charged kaon femtoscopy in $\sqrt{s} = 5.02$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2019, 122, 122301.	2.9	7
59	Study of the ρ - ρ interaction with femtoscopy correlations in $\sqrt{s} = 5.02$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2019, 122, 122301.	4.1	64
60	Coherent J/ ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134622.	4.1	37
61	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
62	Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4
63	Suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28
64	Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28
65	Interactions using pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	17
66	Multiplicity dependence of $\langle \mathcal{N} \rangle$ and $\langle \mathcal{N}^2 \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2019, 122, 122301.	4.1	27
67	Measurement of $\langle \mathcal{N} \rangle$ and $\langle \mathcal{N}^2 \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2019, 122, 122301.	4.1	27
68	Production in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 557-562.	4.1	14
69	Entropy production and reheating at the chiral phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 557-562.	4.1	14
70	Measurement of $\langle \mathcal{N} \rangle$ and $\langle \mathcal{N}^2 \rangle$ in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2019, 122, 122301.	3.9	43
71	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s} = 5.02$ TeV Pb-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
72	Energy dependence of exclusive $\langle \mathcal{N} \rangle$ and $\langle \mathcal{N}^2 \rangle$ in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34

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73	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. Physical Review C, 2019, 99, .	2.9	19
74	Production of K^0_S and K^0_L mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	20
75	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	64
76	Measurement of dilepton production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	14
77	Resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	20
78	Multiplicity dependence of light-flavor hadron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	89
79	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1
80	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
81	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
82	Development of the SLRI beam test facility for characterization of monolithic active pixel sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 930, 105-111.	1.6	3
83	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	2.5	27
84	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
85	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
86	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2019, 99, .	4.7	9
87	Measurement of prompt D^0 , D^+ , D^{*+} , and D^+_S production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
88	Upgrade of pixel sensor telescope for the characterization of ALPIDE sensor. Journal of Physics: Conference Series, 2019, 1380, 012126.	0.4	0
89	Measurement of charged jet cross section in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 99, .	4.7	8
90	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, .	2.9	10

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91	Constraints from a large- N_c analysis on meson-baryon interactions at chiral order $\mathcal{O}(3)$. Physical Review D, 2019, 100, .	4.7	2
92	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe+Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-46.	6.7	5.44
93	Direct photon elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 152301.	11.5	2.76
94	Dielectron and heavy-quark production in inelastic and high-multiplicity proton+proton collisions at $\sqrt{s_{NN}} = 13.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	11.5	13.8
95	Technical design report for the $\sqrt{s_{NN}} = 5.02$ TeV Barrel DIRC detector. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 045001.	3.6	28
97	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
98	Measurement of the inclusive isolated photon production cross section in $\sqrt{s} = 7$ TeV collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
99	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 152301.	11.5	2.76
100	Production of delimitons, tritons, and ^3He nuclei, and their antinuclei in collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 152301.	2.9	71
101	Broadening of the chiral critical region in a hydrodynamically expanding medium. European Physical Journal A, 2018, 54, 1.	2.5	11
102	Production of ^4He and ^4He in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 121, 152301.	1.5	74
103	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	12
104	First measurement of jet mass in Pb+Pb and p+Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39
106	Track propagation methods for the correlation of charged tracks with clusters in the calorimeter of the $\sqrt{s_{NN}} = 5.02$ TeV ANDA experiment. Journal of Instrumentation, 2018, 13, T02008-T02008.	1.2	0
107	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
108	The ALICE Transition Radiation Detector: Construction, operation, and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 881, 88-127.	1.6	17

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109	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
110	Effect of the K + in-medium potential on K + production in heavy ion collisions. Journal of Physics: Conference Series, 2018, 1144, 012102.	0.4	1
111	Neutral pion and $\hat{\rho}$ meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
112	Measurement of D_0 , D^+ , D^{*+} and D^s production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
113	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
114	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	4.7	97
115	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
116	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
117	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
118	Neutral pion and η meson production in $\sqrt{s_{\mathrm{NN}}}$ Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	31
119	Inclusive J/ψ production in $\sqrt{s_{\mathrm{NN}}}$ Xe collisions at $\sqrt{s_{\mathrm{NN}}}$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	4.7	5.44
120	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
121	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
122	$\hat{\rho}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
123	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ s. European Physical Journal C, 2018, 78, 1.	3.9	13
124	Constraints on jet quenching in $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	4.1	28
125	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	4.1	1
126	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in $\sqrt{s_{\mathrm{NN}}}=5.02$ Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	16

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127	Anisotropic flow in Xe+Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physical Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	7.6	75
128	π^0 and η -meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
129	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
130	First measurement of Λ production in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	14
131	Measurement of Z -boson production at large rapidities in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	7
133	J/ψ suppression at forward rapidity in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	16.7	399
134	Production of μ ons from heavy-flavour hadron decays in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	16.7	399
135	Enhanced production of multi-strange hadrons in high-multiplicity proton+proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
136	PandaX-III: Searching for neutrinoless double beta decay with high pressure ^{136}Xe gas time projection chambers. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	86
137	Charged-particle multiplicities in proton+proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
138	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
139	Measurement of Λ production in proton-proton collisions at $\sqrt{s} = 5.02$ TeV and in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	16.7	399
140	W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
141	Electron Recoil rejection by decay time measurement in large liquid Xenon detectors. Journal of Instrumentation, 2017, 12, P04019.	1.2	1
142	Measuring K_S^0 production in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	16.7	399
143	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 014907.	2.9	10
144	A particalization procedure for the N+FD model and the evolution of the net-proton kurtosis. Journal of Physics: Conference Series, 2017, 779, 012075.	0.4	0

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145	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
146	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	7.8	24
147	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	7.8	68
148	Dynamical formation of center domains in quark-gluon plasma. Physical Review C, 2017, 95, .	2.9	1
149	Feasibility study for the measurement of meson production at high transverse momentum in $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	2.9	86
150	Transition distribution amplitudes at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	21
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153	Evolution of critical fluctuations in a heavy-ion collision scenario. Nuclear Physics A, 2017, 967, 828-831.	1.5	2
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155	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
156	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
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158	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
159	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
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161	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
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167	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	31
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173	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	4.1	20
174	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
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177	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	18
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179	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
180	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	1.5	22
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182	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	2.9	36
183	Dynamical net-proton fluctuations near a QCD critical point. Physical Review C, 2016, 93, .	2.9	64
184	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	48
185	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	7.8	77
186	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	87
187	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	36
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190	Multipion Bose-Einstein correlations in p+Pb and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	25
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195	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
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211	Measurement of electrons from heavy-flavour hadron decays in pPb collisions at $\sqrt{s_{\text{NN}}}$ = 5.02 TeV. Journal of High Energy Physics, 2016, 2016, 1.	2.76	33
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213	Measurement of the nuclear modification factor and azimuthal anisotropy of charged jet production in pPb collisions at $\sqrt{s_{\text{NN}}}$ = 5.02 TeV. Journal of High Energy Physics, 2016, 2016, 1.	2.9	135
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215	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV. Physical Review D, 2015, 91, .	4.7	35
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220	Measurement of charged jet production cross sections and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49
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229	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
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232	Production of $\Sigma(1385)^+$ and $\Xi(1385)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
233	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	3.9	12
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239	Meson Production in pPb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2014, 113, 122301.	7.8	94
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242	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
243	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and pPb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
244	Transverse momentum dependence of inclusive primary charged-particle production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
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246	Neutral pion production at midrapidity in pp and pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
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277	$\langle mml:math \ xmins:mml= \ http://www.w3.org/1998/Math/MathML \ altimg= \ s11.gif \ overflow="scroll" \rangle \langle mml:mover \ accent="true" \rangle \langle mml:mi \rangle p \langle /mml:mi \rangle \langle mml:mo \rangle \hat{A} \langle /mml:mo \rangle \langle /mml:mover \rangle \langle mml:mi \rangle D \langle /mml:mi \rangle \langle /mml:math \rangle$ atoms in realistic potentials. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 658, 555-558.	4.1	4
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